

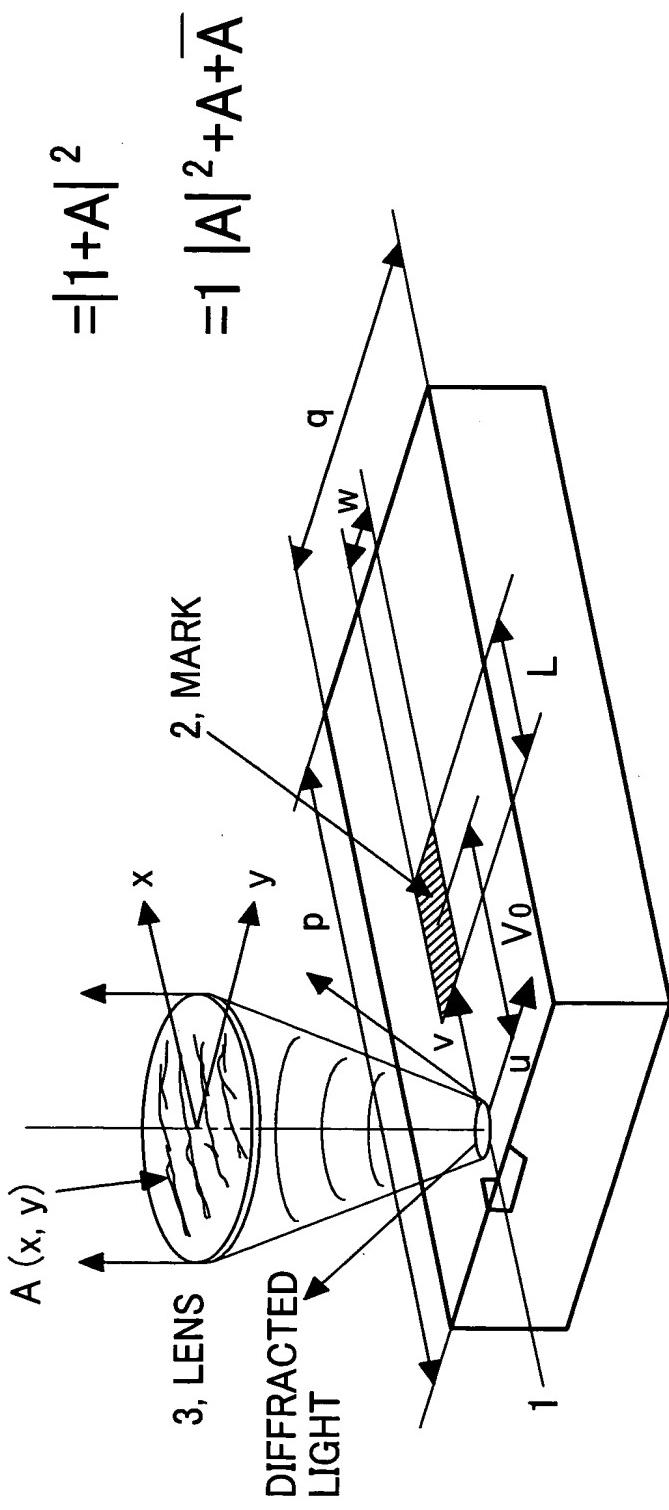
FIG. 1*Expression (1)***SIGNAL $\propto I(x, y)$**  **$I(x, y)$: LIGHT INTENSITY ON LENS** **$A(x, y)$: COMPLEX AMPLITUDE COMPONENT OF THE DIFFRACTED LIGHT FROM MARK THROUGH THE LENS**

FIG.2

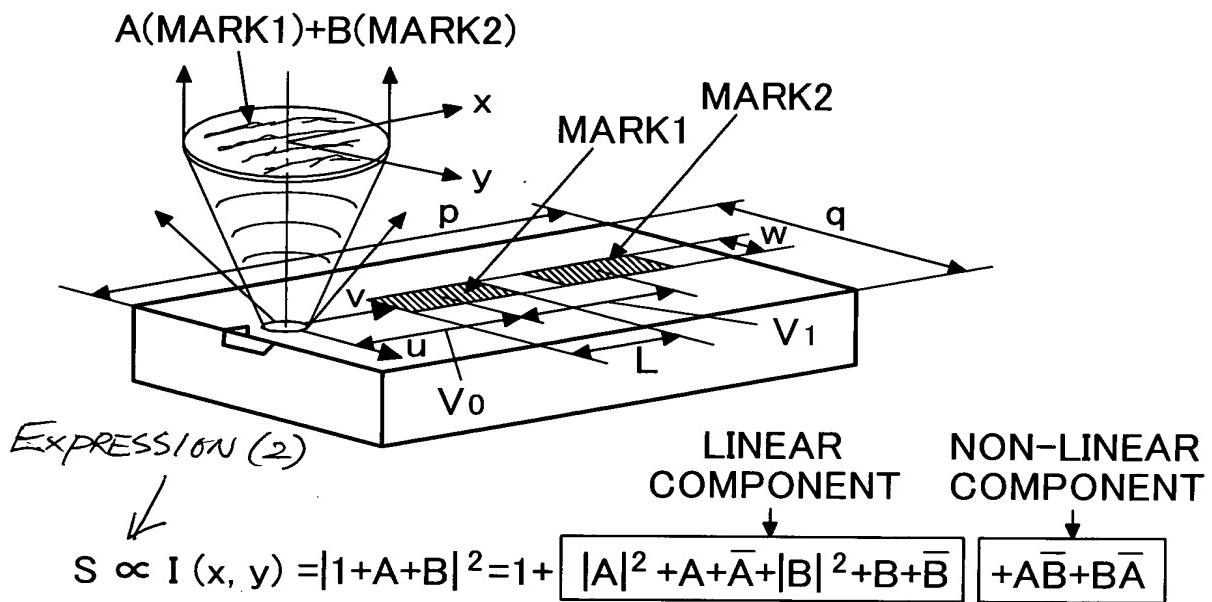


FIG.3

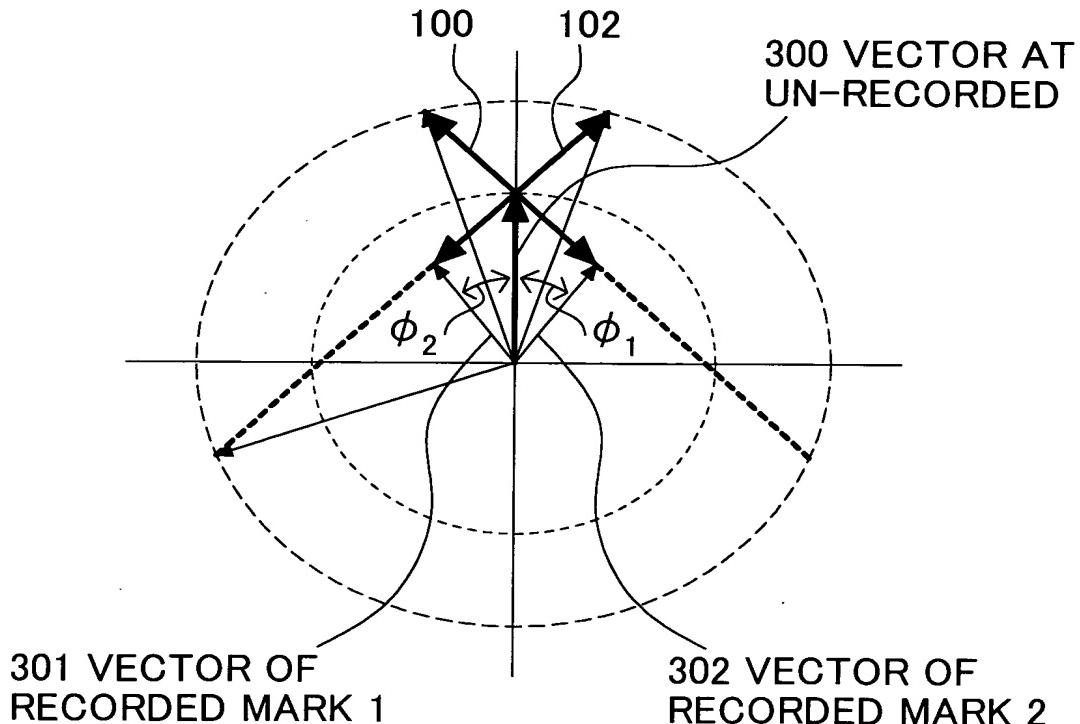


FIG.4

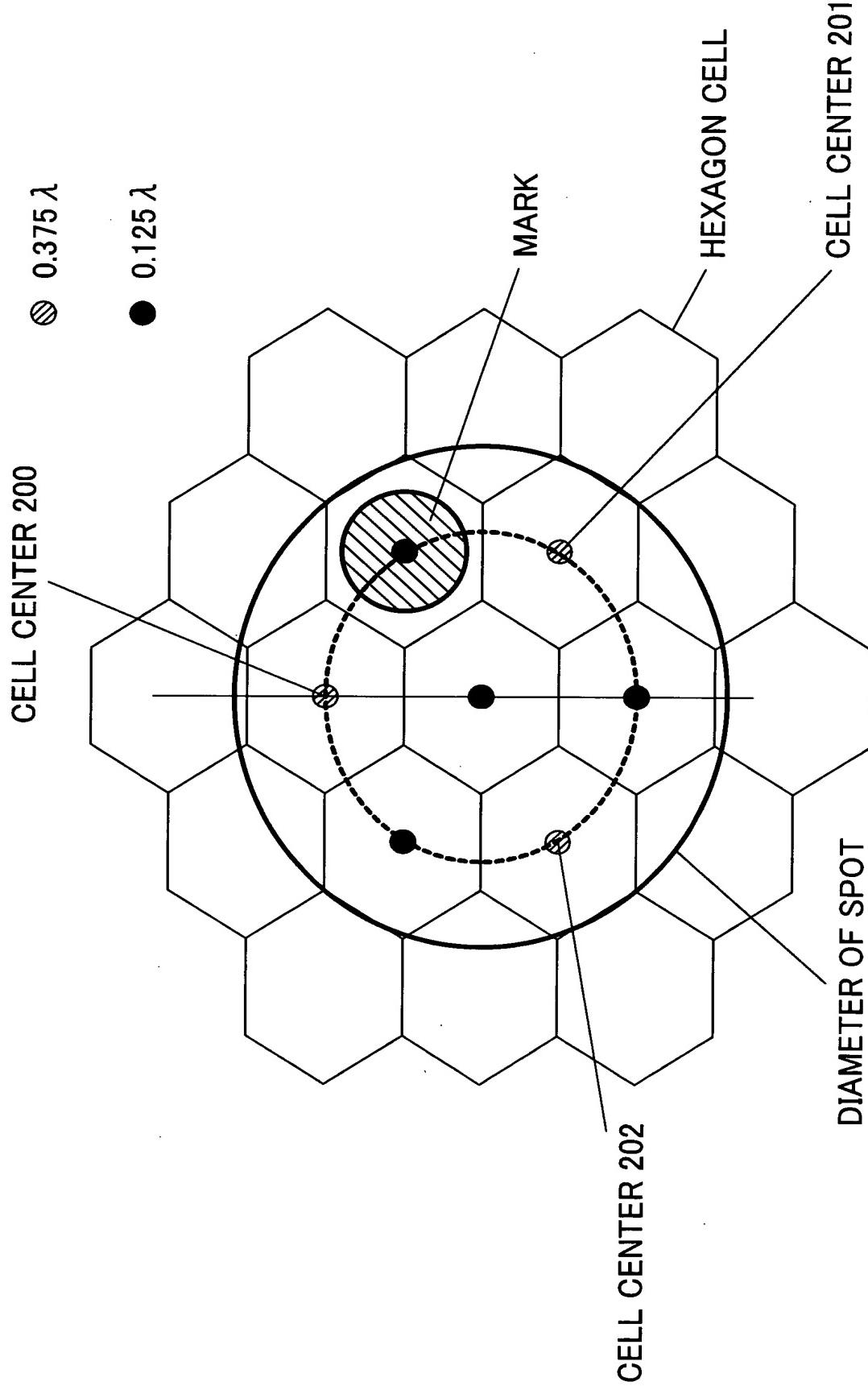


FIG.5

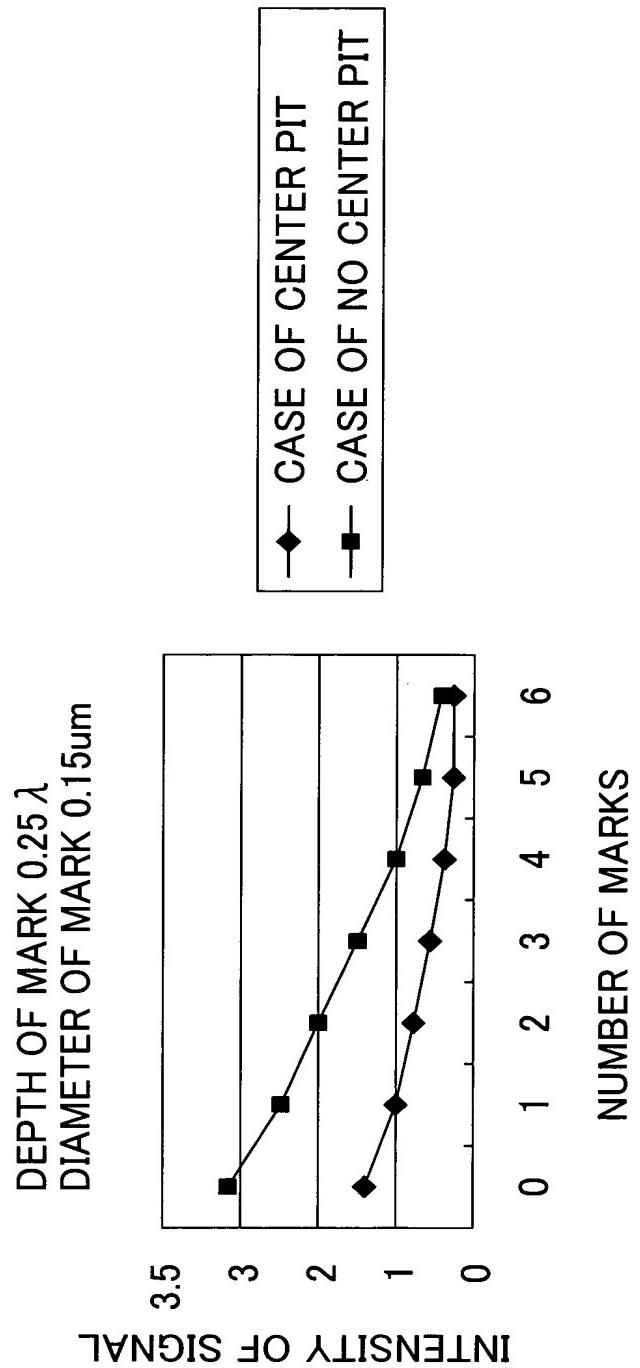


FIG.6

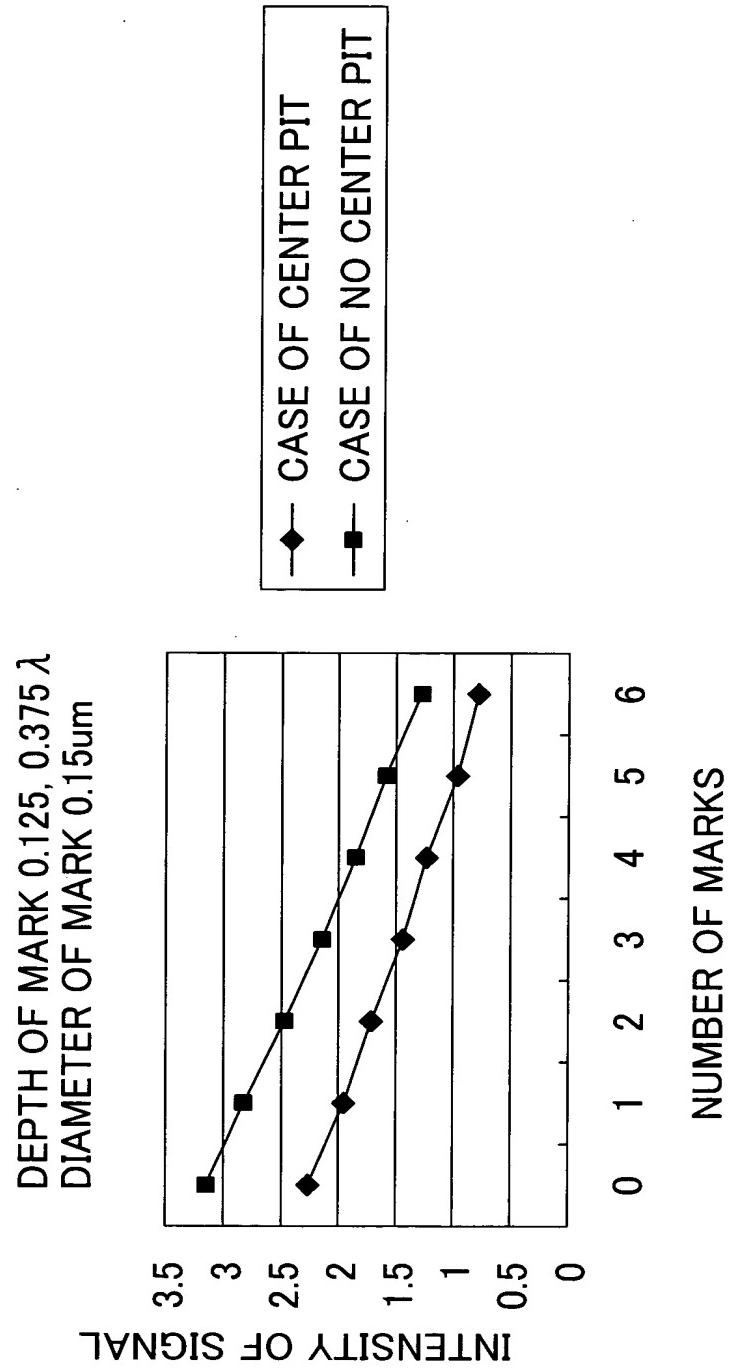


FIG. 7

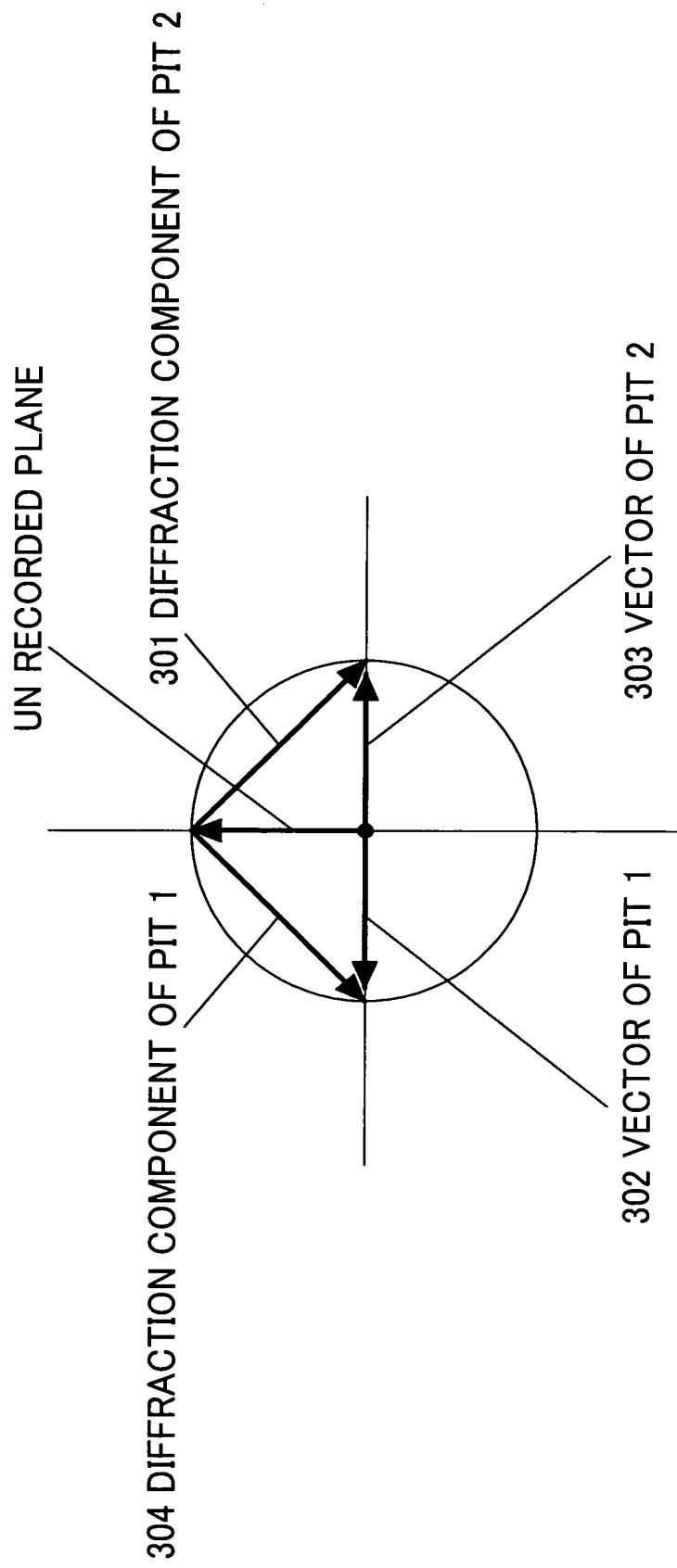


FIG.8

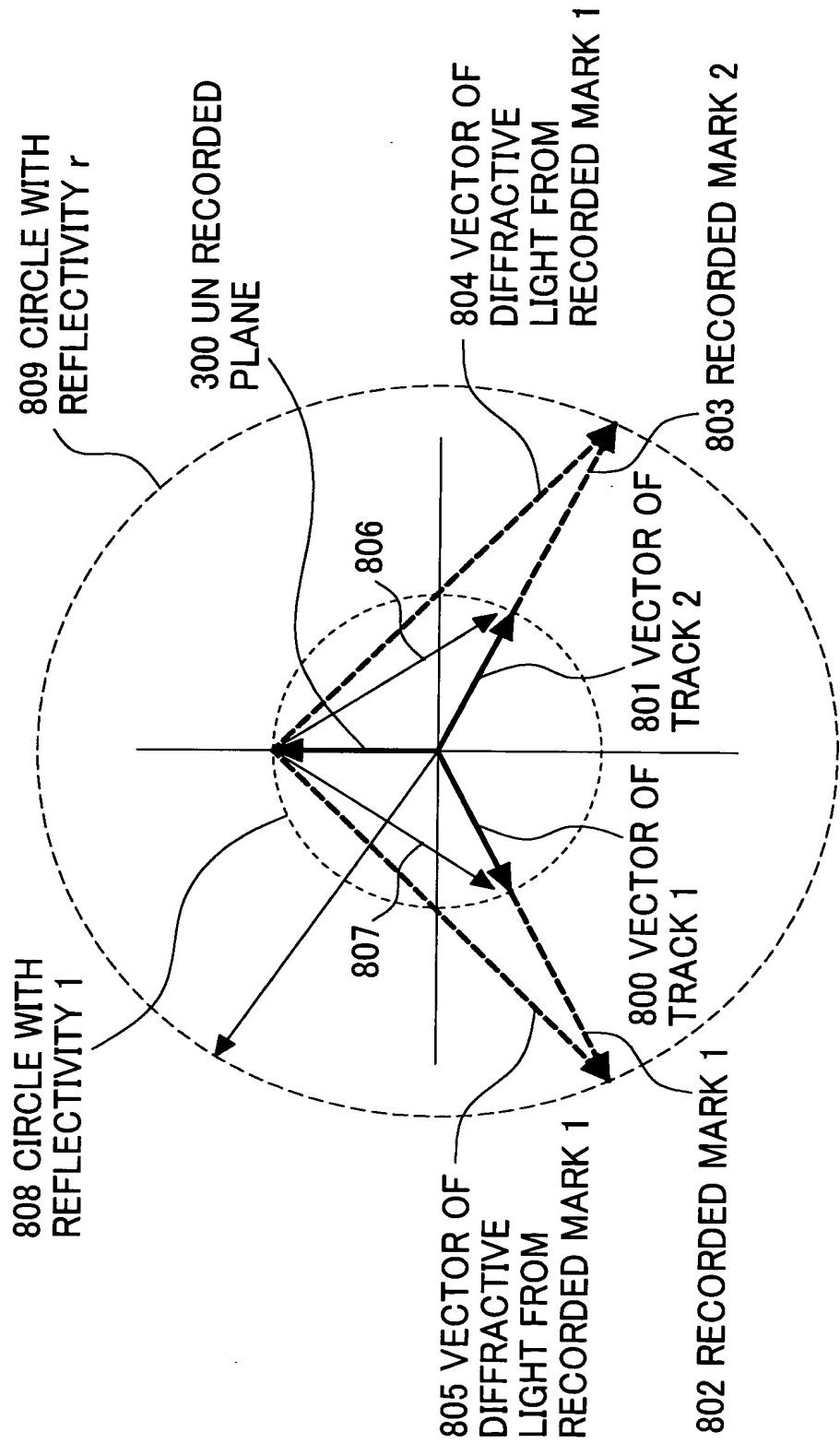


FIG.9

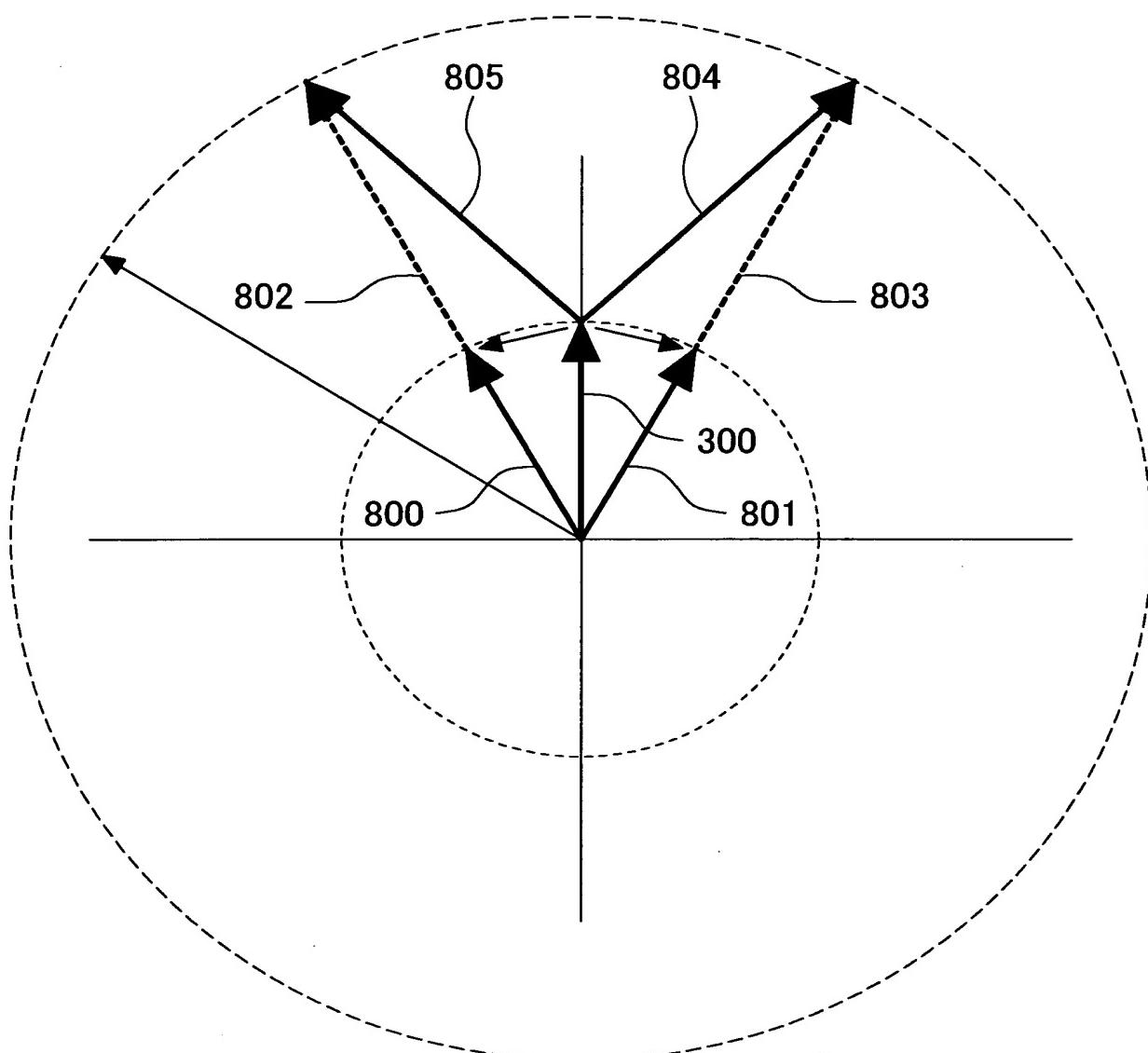


FIG.10

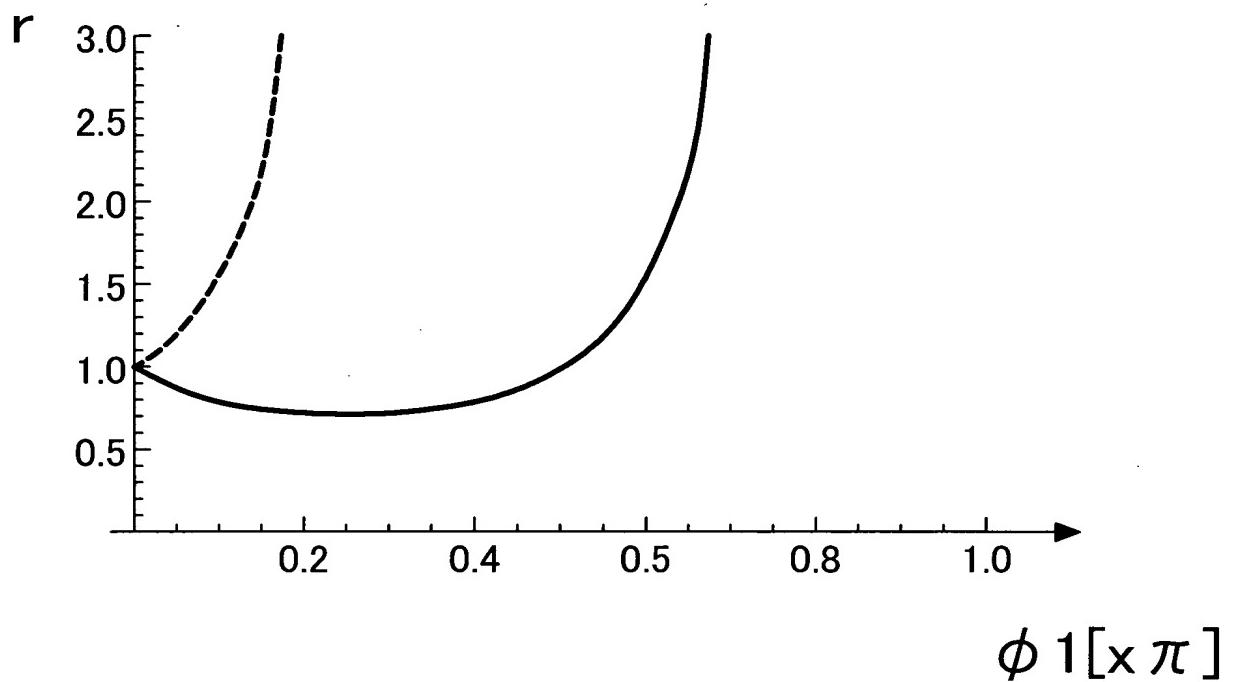


FIG.11A

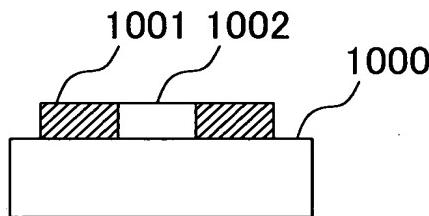


FIG.11E

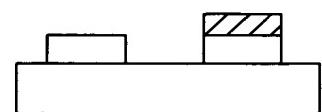


FIG.11B

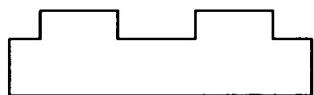


FIG.11F

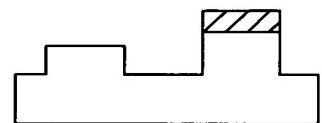


FIG.11C

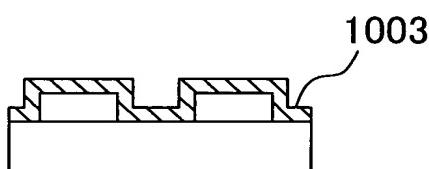


FIG.11G

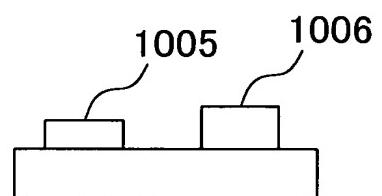
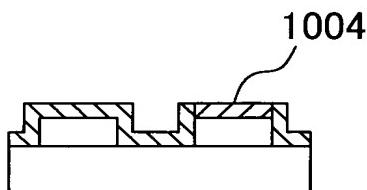


FIG.11D



PATTERN					
TRACK	BITS	0	1	0	1
		n		$n+1$	

FIG. 12

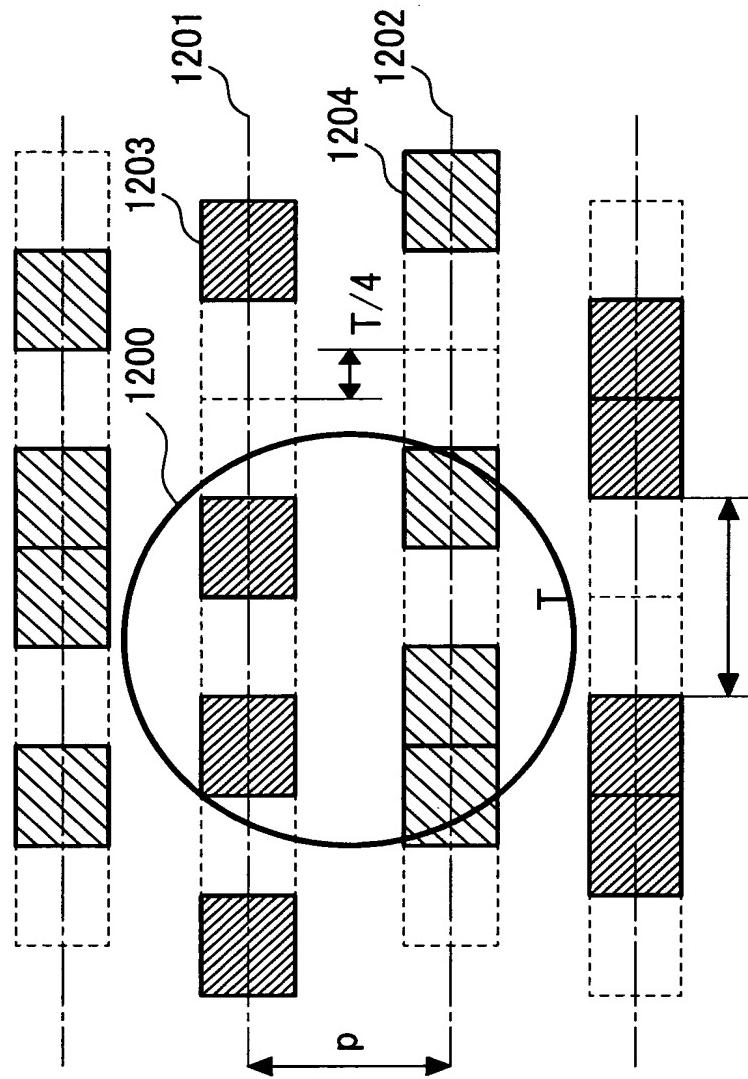


FIG. 13

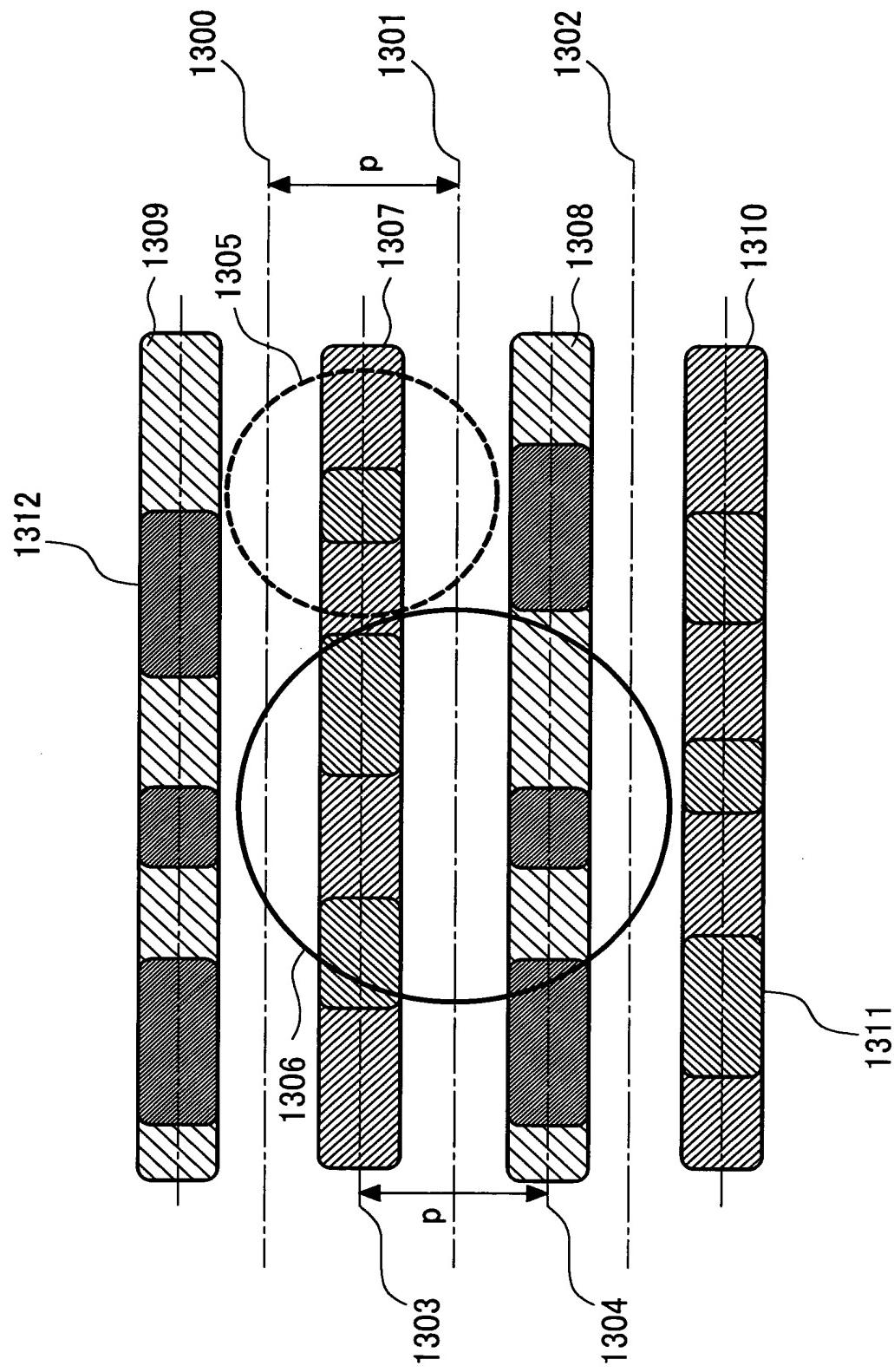


FIG. 14

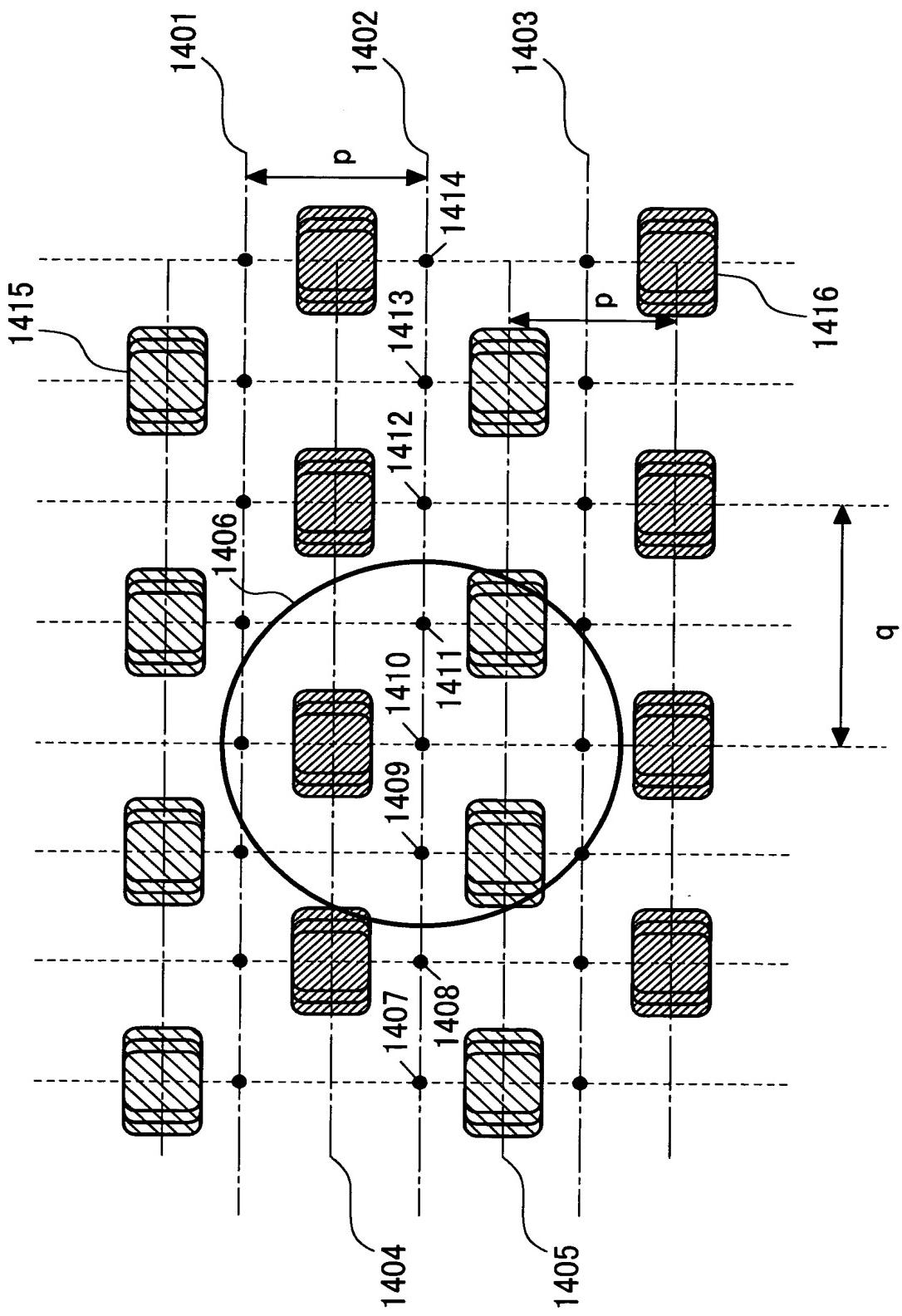


FIG. 15

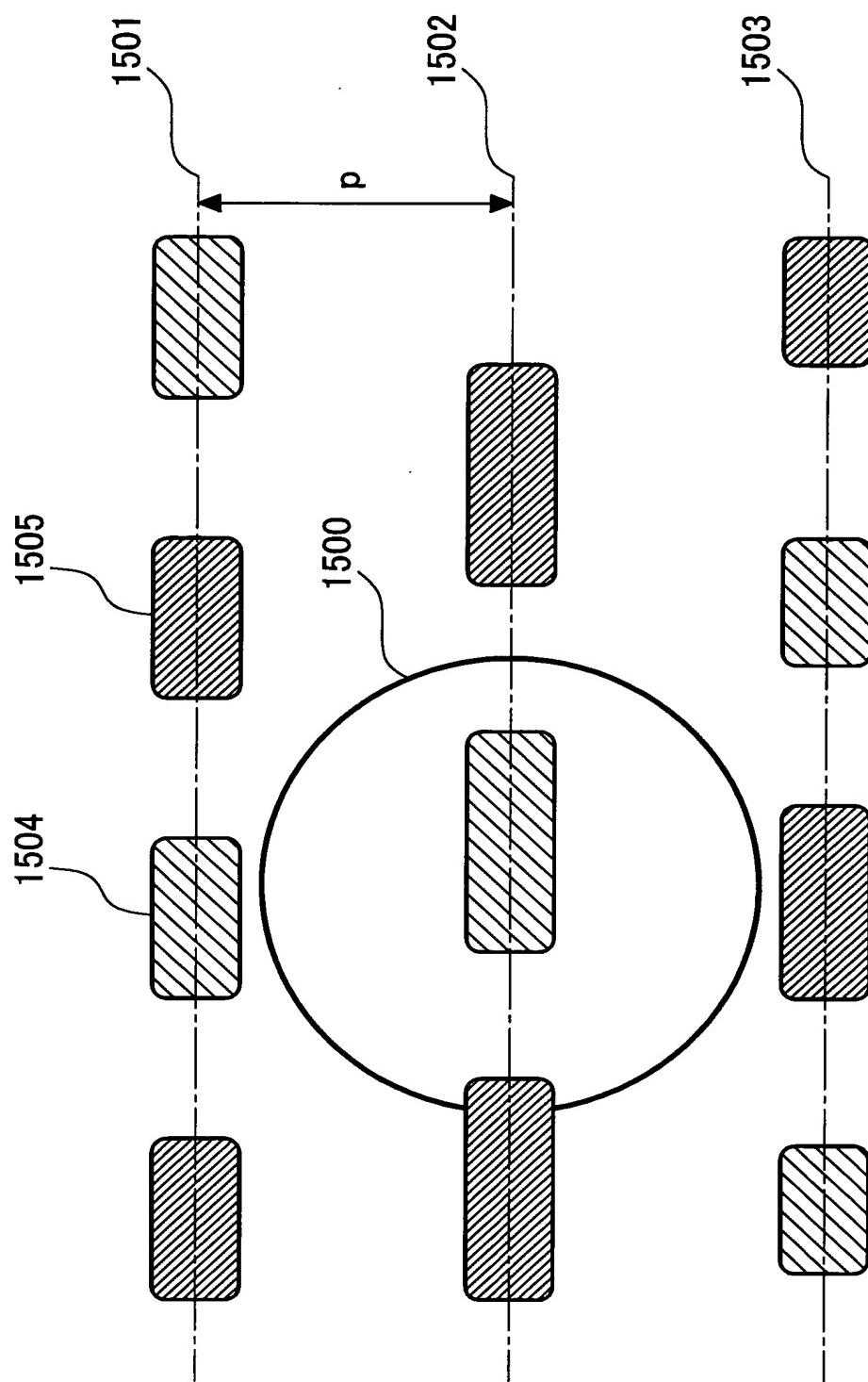


FIG. 16

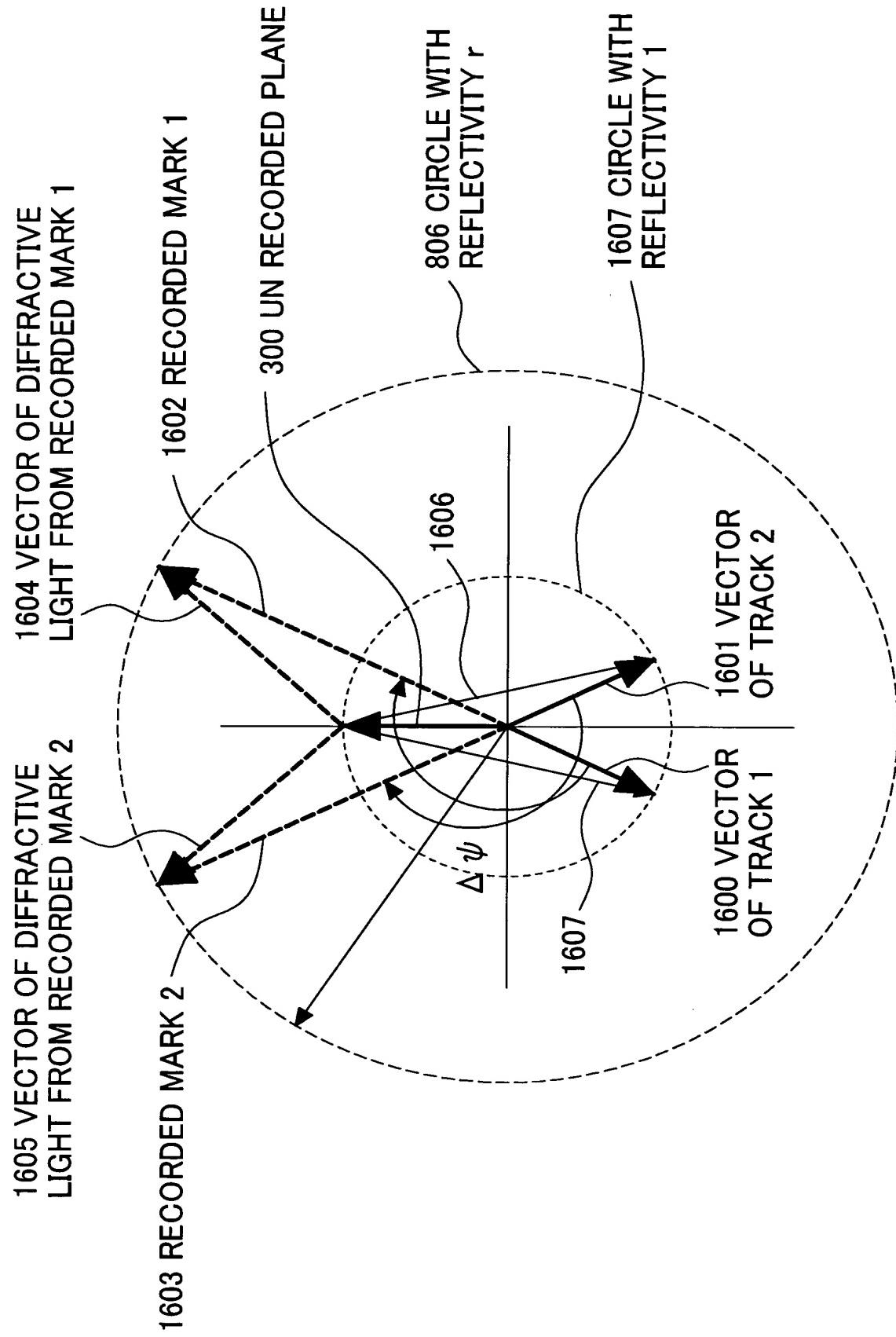


FIG. 17

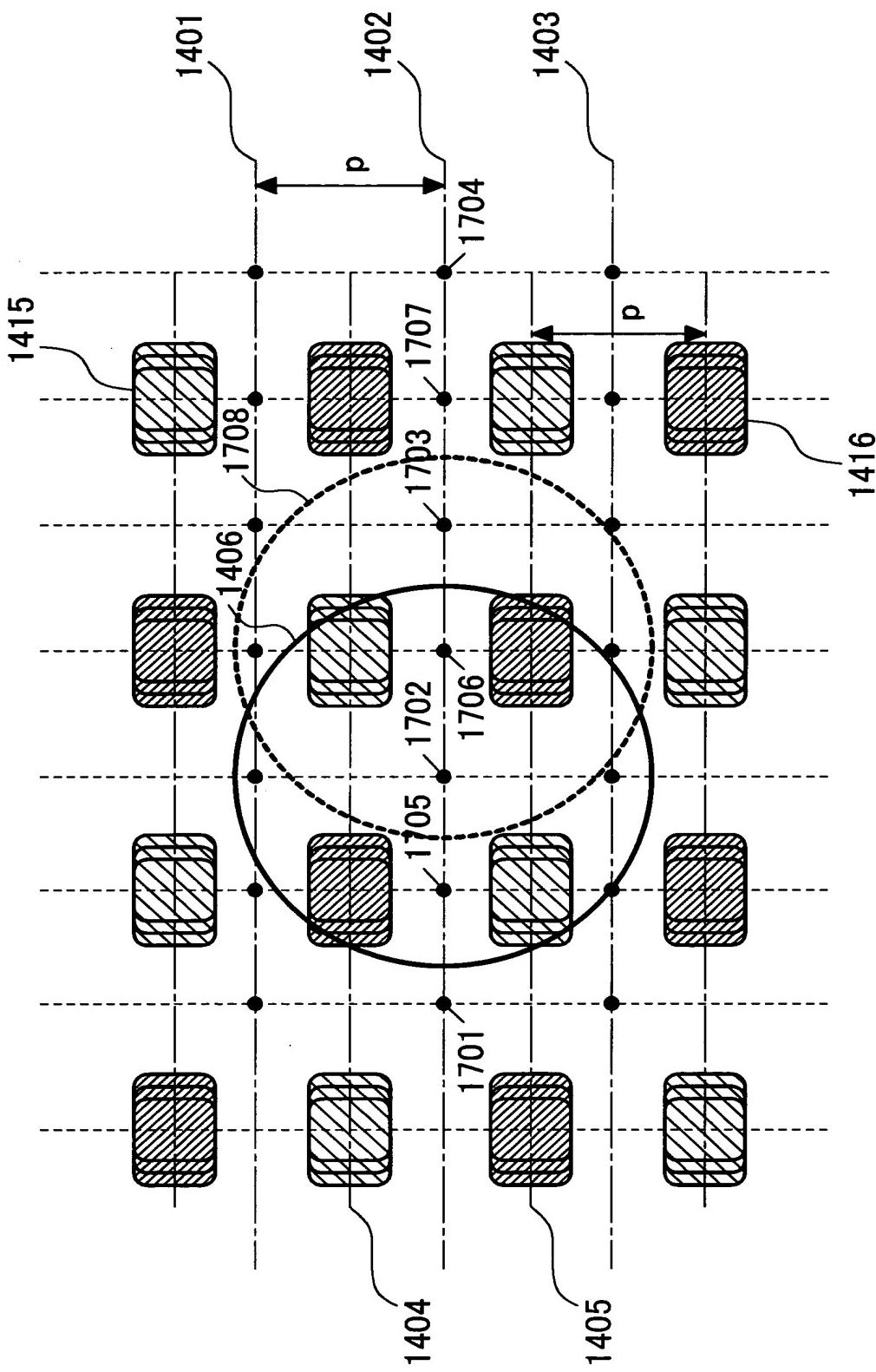


FIG.18A

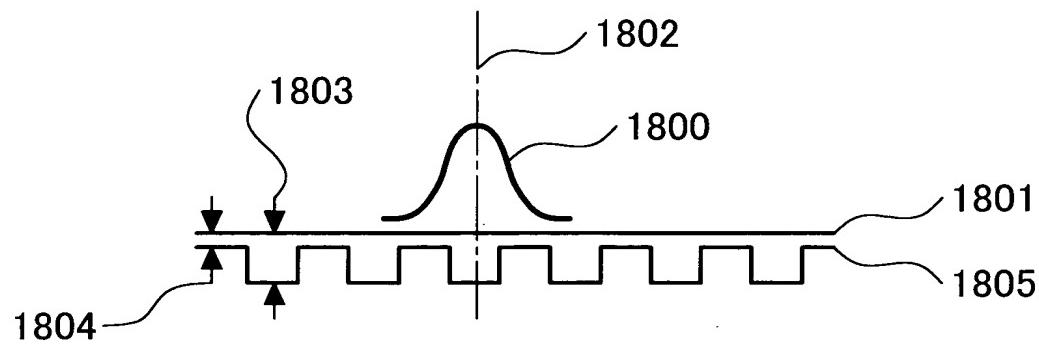


FIG.18B

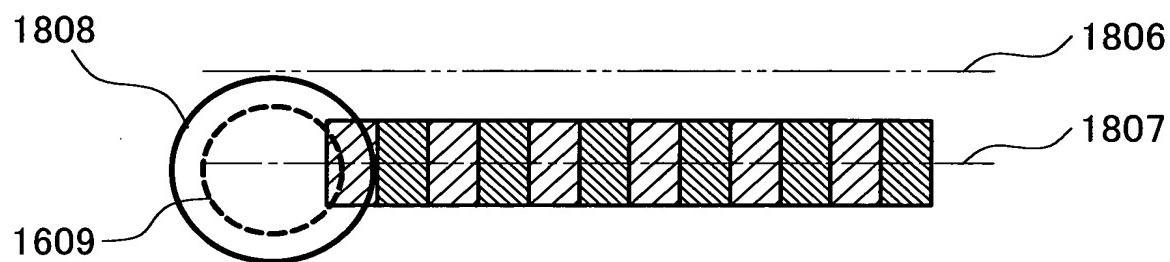


FIG.18C

